

# FROWEIN GMBH & CO. KG

## Detmolin F

### Use

For control of flying and crawling insect pests in areas of the food and luxury food industry, as well as in hygienic areas. - Do not apply in living rooms and bedrooms, nursery schools, schools, sickrooms and the like.

National regulations for application and trading have to be observed.

### Type

Ready-to-use cold fogging product.

### Active Ingredients

Dichlorvos (35,0 g/l) + pyrethrum extract 25 % (1,3 g/l).

Contains Isoalkanes C9 – C12.

### Mode of Action

By contact with the ultra-fine mist droplets, the fresh mist deposit and by respiration of vapours. Quick and even distribution by active diffusion (dichlorvos). Spontaneous knockdown effect. No residual effect.

### Special Features

- Broad spectrum of action and reliable effectiveness.
- Rapid decomposition of the active ingredients (by hydrolysis or photolysis), low risk of residues.
- Contains no chlorinated solvents.
- Fine mist, several hours in air suspended with good penetration into the hiding places of the pests.
- Automatic misting by the Detmolin-process is possible.
- Approved according to § 18 Protection against infection Act for control of cockroaches. Official identification number B-0018-00-00.

### Dosage

Flying insects: 1 litre per 1000 m<sup>3</sup>

Crawling insects: max. 6 litres per 1000 m<sup>3</sup>

### Application

Also this applies to pest control: "Prevention is better than cure". Thus, prophylactic measures that prevent pest infestation or spreading are playing a very important role. This includes protective measures to keep

away insects from outside, thorough control of incoming goods, optimal storage conditions, continuous storage monitoring and implementation of pest control measures in time.

Before each pest control find out kind and extend of infestation by using adhesive traps and pheromone traps (Detektiv S or Detektiv MT).

The ideal application equipment for Detmolin F is an electric mistblower (turbo-sprayer) that generates an air stream to support an even distribution of the fine mist that reaches even inaccessible hiding places of pests.

Before misting, clean-swept the rooms and expose hiding places of pests so that the mist can reach all infested places as easily as possible. Close windows, doors and all other openings. Shut off fans and air-conditioners as well as fire-alarms.

In premises, the application starts at the top and in rooms from the rear towards the front, respectively back towards the exit.

In case of flying insects it is sufficient to distribute the mist evenly in the room by misting obliquely upwards. In case of crawling insects spot spraying on all infested, suspected or endangered locations intensifies the surety of success. The shorter the spray distance, the more deposit exists.

Treated rooms should be closed over night, but at least 4 – 6 hours. Enter areas during exposure period of the product only with a respirator. After a ventilation time of 6 hours a short stay without respirator is possible. After altogether 12 hours of thorough ventilation the treated areas are free for intended use. During the treatment, the rooms/storerooms are to be marked by a warning reference.

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#### When to mist

The ideal time for a treatment with Detmolin F is in the evening after working days – preferably during the weekend. Rooms can be kept free from infestation if Detmolin F is applied periodically. Intervals depend on the circumstances at the time.

Early pest control prevents the spread of an infestation and by this damages, filth, spoilage and claims. Endangered rooms are to be controlled constantly.

#### Public health pests: cockroaches

The most important public health pest is the cockroach. The adverse effects of a cockroach infestation are divers. Besides contamination of stored products, also transmission of damage and pathogenic microorganism, as well as the causing of allergies belong to this.

Cockroaches prefer warm and dark hiding places near water and food. Cracks and hollow spaces near stoves, refrigerators, sinks and washbowls, cupboards, panels, suspended ceilings, pipe passageways and others.

Cockroach infestations are controlled best in the evening. Detmolin F should be allowed to act overnight. It is strongly recommended to repeat the treatment after 5 weeks (German cockroaches) respectively 5 months (Oriental cockroaches and other large cockroaches).

#### Caution

Inflammable. - Harmful: may cause lung damage if swallowed. Harmful by inhalation and if swallowed. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs. Do not breathe vapour/spray.

When using do not eat, drink or smoke. After contact with skin, wash immediately with plenty of water and soap. In case of insufficient ventilation, wear suitable respiratory equipment with filter A1-P3 (40 ASt). Wear suitable protective clothing and gloves. This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Refer to special instructions/Safety data sheets. Avoid every unnecessary contact with the product. Misuse may be harmful. If swallowed do not induce vomiting: seek medical advice immediately and show the can or label. Antidote: Atropine and toxogonine.

All persons except applicators have to leave the room. Wear suitable protective gloves (plant protection), protective clothing (plant protection), headgear (plant protection) as well as a full face mask respirator with filter A1-P3 (40 ASt) during application. **Do not overdose.** Do not spray near naked flames or other sources of ignition and do not direct the spray on hot surfaces or on sensitive objects; if in doubt, test compatibility. Do not apply in rooms at temperatures exceeding 35 °C. Store package tightly sealed in cool places. Do not leave preparation in mist blower. Packaging should not be reused.

This product is toxic to aquatic organisms. Do not empty preparation and unused material as well as container and packages into sewers.

For application in food and hygiene-sectors note additionally:

Remove unpacked foodstuffs and feed as well as domestic cattles and animals before application. Cover kitchen utensils, tables, machines, vessels, exposed dishes, etc. or wash them after misting with an alkaline detergent. Ventilate rooms thoroughly for 12 hours before using them.

#### Disposal

Wastes resulting from the use of this product are to be disposed to an authorised waste collection point.

Completely empty packages are to be offered for recycling.

#### Packaging

Tinplate drums à 5, 10 and 25 litres.

Use biocides safely. Always read the label and product information before use.



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